



**NCER Funded
Small Business Innovation Research
(SBIR) Research Projects:
Region 4 - SBIR Grant List**



NATIONAL CENTER FOR ENVIRONMENTAL RESEARCH



Office of Research and Development
U.S. Environmental Protection Agency

Tabular Query Results of NCER Program and Solicitation Information

30 Abstracts are listed

Number	Identifier	Abstract	Institution	Principal Investigator	Grant Representative	Grant Amount	Proposed Start Date
1	68D00203	New Environmentally Benign Heteropolymolybdate Conversion Coatings for Aluminum Alloys	Lynntech, Inc.	Dr. Zoran Minevski	none	\$225,000	September 2000 - September 2002
2	68D00272	Aluminum-Silicate-Based Antifouling Coating	E Paint Company	M. Alex Walsh	none	\$225,000	September 2000 - September 2002
3	68D40055	Innovative Technology for Municipal Solid Waste Disposal and Landfill Mining	EnerTech Environmental, Inc.	Mr. Norman Dickinson	none	\$55,000	September 1994 - March 1995
4	68D40077	Development of Pilot Scale Chlorinated Organic Vapor Phase Alkaline Destruction, COVPAD, Unit	Eckenfelder, Inc.	Dr. Ann N. Clarke	none	\$165,000	September 1994 - September 1996
5	68D98157	Automated Separation of Post-Consumer Polymer Flake	National Recovery Technologies, Inc.	Dr. Edward J. Sommer, Jr.	none	\$225,000	September 1998 - September 2000
6	68D40080	A Process Increasing the Amount and Quality of Recycled Plastics Resins	National Recovery Technologies, Inc.	Dr. Edward J. Sommer, Jr.	none	\$164,937	September 1994 - July 1997
7	68D40068	Separation of Post-Consumer PET and PVC Plastics in the Re grind Flake Form	National Recovery Technologies, Inc.	Dr. Edward J. Sommer, Jr.	none	\$164,682	September 1994 - September 1997
8	68D00057	High-Speed Recycling Process for Phosphate Industry Waste	Science Ventures, Inc.	Mr. Douglas H. Laird	none	\$149,007	September 1990 - November 1992
9	68D50125	Innovative Technology for Efficient Utilization of Municipal Solid Waste	EnerTech Environmental, Inc.	Mr. Norman Dickinson	none	\$220,000	September 1995 - May 1997
10	68D60020	Thermoplastic Cation-Exchangers for Water Detoxification & Heavy Metals Recovery	Poly-Med, Inc.	Dr. Shalaby W. Shalaby	none	\$69,736	September 1996 - March 1997
11	68D00131	Innovative Method for On-site Regeneration of Spent Carbon	Chem Char Research, Inc.	Ms. Audrey McGowin	none	\$49,997	September 1990 - March 1991
12	68D30079	Method for Opening and Emptying the Contents of Plastic Bags Entering Recycling Facilities	National Recovery Technologies, Inc.	Dr. Edward J. Sommer, Jr.	none	\$149,999	September 1993 - June 1996
13	68D40074	Application of Artificial Intelligence to Automated Waste Recycling	National Recovery Technologies, Inc.	Dr. Edward J. Sommer, Jr.	none	\$164,937	September 1994 - July 1997
14	68D50072	Novel Ultra-Narrow Bandwidth Filters for Improved Continuous Emissions Monitoring	Gaea Technologies, Inc.	Dr. Georgia J. Fisanick	none	\$65,000	September 1995 - March 1996
15	68D60033	Innovative Complexing Agents for Recovery of	Technochem	Dr. Ashok S.	none	\$70,000	September 1996

		Heavy Metals in Municipal and Industrial Wastewater	Company	Damle			- March 1997
16	68D60050	A Sorting System for Improving the Quality of Recycled PET Plastic Resins	National Recovery Technologies, Inc.	Dr. Edward J. Sommer, Jr.	none	\$225,000	September 1996 - December 1998
17	68D70048	Innovating Complexing Agents for Recovery of Heavy Metals in Municipal and Industrial Wastewater	Technochem Company	Dr. Ashok S. Damle	none	\$225,000	September 1997 - March 1999
18	68D50106	Airborne Toxic Particulate Emission Control via a Boundary Layer Momentum Transfer Exclusion Filter	Micro Composite Materials Corporation	Dr. Steve R. Wright	none	\$65,000	September 1995 - March 1996
19	68D30065	A Low Cost Automated Process for Recovery of Recyclable Plastic and Glass Containers from Solid Waste	National Recovery Technologies, Inc.	Dr. Edward J. Sommer, Jr.	none	\$149,936	September 1993 - March 1996
20	68D00259	System To Deliver Halon Equivalent, Hydrogen Fluoride Controlled, Supplemented HFC Gases in Fire Sensitive, Light Weight, Plastic Extinguishers	Powsus, Inc.	Donald B. MacElwee	none	\$69,482	September 2000 - March 2001
21	68D00036	Application of Pulse Combustion in Solid and Hazardous Waste Incineration	Sonotech, Inc.	Mr. Martin Scarborough	none	\$49,967	September 1990 - April 1991
22	68D98119	Improved Method for In-Situ Soil Remediation: The Modified "LasagnaTM" Process	Industrial Microwave Systems, LLC	Dr. J. Michael Drozd	none	\$69,500	September 1998 - March 1999
23	68D00031	Electrochemical Enzyme Immunoassay to Study Alternative Drinking Water Treatment	Enzyme Technology Research Group, Inc.	Dr. John P. O'Daly	none	\$49,978	August 1990 - February 1991
24	68D10101	Application of Pulse Combustion in Solid and Hazardous Waste Incineration	Sonotech, Inc.	Douglas H. Neale	none	\$149,941	September 1991 - June 1993
25	68D40054	Use of Sulfur Polymer Cement and Sulfur Extended Asphalt for Solidification/Stabilization of Lead and Organolead Contaminated Soils	CCW Technology Group, Inc.	Dr. Wendall H. Cross	none	\$55,000	September 1994 - March 1995
26	68D99058	Combustion CVD: A Clean Alternative to Chromium Electroplating	MicroCoating Technologies, Inc.	Ms. Michelle Hendrick	none	\$70,000	September 1999 - March 2000
27	68D00233	A Portable Biosensor for the Monitoring of Pentachlorophenol in Pump and Treat Water	Critical Angle, L.L.C.	Dr. John Bowen	none	\$69,991	September 2000 - March 2001
28	68D99025	Indoor Air Biocontaminant Control by Means of Combined Electrically Enhanced Filtration and OAUGDP Plasma Sterilization	Environmental Elements Corporation	Dr. Dennis J. Helfritch	none	\$224,715	September 1999 - September 2001
29	68D00278	An Economical Alternative for Sorting Polymers on the Small Materials Recovery Facility (MRF) Level	National Recovery Technologies, Inc.	Dr. E.J. Sommer, Jr.	none	\$225,000	September 2000 - September 2002
30	68D99084	Pollution-Free Process for Surface Protection	Surface Treatment Technologies, Inc.	Mr. Michael J. Riley	none	\$224,960	September 1999 - September 2001

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